PTO/SB/05 (08-03)
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# UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	NR 03-001	
First Inventor	Zahner, Joseph E.	
Title	In vitro derived adult	-
Express Mail Label No.	ER170154298 US	

	Express Wali Laber No.				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1.  Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS				
- Abstract of the Disclosure  4.	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:				
Continuation  Divisional  Continuation-in-part (CIP)  of prior application No. 09/9.19,298  Prior application information:  Examiner Woitach, Joseph  Art Unit: 1632  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.					
The incorporation can only be relied upon when a portion has been inac 19. CORRESPO	ONDENCE ADDRESS				
Customer Number:	OR Correspondence address below				
Name Joseph E. Zahner					
Address 3556 Caroline Mall, Suite C110					
0.4	State Missouri Zip Code 63104-1085				
Country United States of America	State   Missouri   2/p Code   63104-1085				
Name (Print/Type)   Joseph E. Zahper   Registration No. (Attorney/Agent)   48,224					
Signature Signature	Date 11/14/2003				

This collection of information is required by 37/CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No. NR 03-001

Date November 14, 2003

## **CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this <u>November 14, 2003</u> in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number <u>ER 170154298 US</u> addressed to: Mail Stop Patent Application,

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 222+3-1450

Joseph E. Zahner

(Type name of person mailing paper)

(Signature of person mailing paper)

In re Application of: Zahner

Serial No.: 09/919,298 Filed: July 31, 2002

For: In vitro derived pluripotent stem cells

and uses therefor

Examiner: Woitach, Joseph

Group Art Unit: 1632

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

# UTILITY PATENT APPLICATION & PETITION FOR EXTENSION OF TIME TRANSMITTAL & CERTIFICATION

Transmitted herewith for filing is the patent application of:

Inventor: Joseph E. Zahner

For: In vitro-derived adult pluripotent stem cells and uses therfor

#### Enclosed are:

- 1. Return receipt postcard
- 2. This Certificate of Express Mailing under 37 CFR 1.10 (1 pg.)
- 3. Petition for extension of time (2x1 pg)
- 4. Utility Patent Application Transmittal (1 pg)
- 5. Declaration (2 pp)
- 6. Fee Transmittal (1 pg)
- 7. Credit Card Pmt Form (1 pg)
- 8. Specification, claims and abstract (42 pp)
- 9. Sequence Listing paper copy (4 pp)
- 10. Drawings (2 pp)
- 11. CRF Sequence Listing (1 diskette)

### **Correspondence Address**

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St. Louis, MO 63104 United States of America

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Signature

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FEE TRANSMITTAL  for FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27		Complete if Known		
		Application Number	09/919,298 and continuation	
		Filing Date	July 31, 2001	
		First Named Inventor	Zahner, Joseph E.	
		Examiner Name	Woitach, Joseph	
		Art Unit	1632	
	(m) EOE OO		ND 00 004 - 140050 0404	

TOTAL AMOUNT OF PATHICIES	Audi	rney Docket No.   NIC 03-001 and 10030-0104		
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
☐ Check ✓ Credit card ☐ Money ☐ Other ☐ None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity	Small Entity		
Deposit Account.	Fee Fee Code (\$)	Fee Fee Fee Description Code (\$) Fee F	hic	
Account	1051 130	1	alu	
Number Deposit ·	1052 50		$\neg$	
Account Name		cover sheet		
The Director is authorized to: (check <u>all that apply)</u>	1053 130	1053 130 Non-English specification 1812 2 520 For filing a request for ex parte reexamination		
Charge fee(s) indicated below Credit any overpayments	1812 2,520			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920	1804 920* Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee	1805 1,840			
to the above-identified deposit account.	1051 110	Examiner action	$\neg$	
FEE CALCULATION	1251 110		00	
1. BASIC FILING FEE	1252 420			
Large Entity Small Entity Fee Fee Fee Fee Fee Paid	1253 950	1		
Code (\$) Code (\$)	1254 1,480		-	
1001 770 2001 385 Utility filing fee 385.00	1255 2,010	<b>"</b> .		
1002 340 2002 170 Design filing fee	1401 330			
1003 530 2003 265 Plant filing fee	1402 330			
1004 770 2004 385 Reissue filing fee	1403 290			
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 385.00	1452 110	F <sup></sup>		
	1453 1,330	2453 665 Petition to revive - unintentional	-	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1501 1,330			
Extra Claims below Fee Paid  Total Claims 19 -20** = 0 x	1502 480	2502 240 Design issue fee		
Independent	1503 640			
Claims 13 - 3** = 0 X = = Multiple Dependent	1460 130	1460 130 Petitions to the Commissioner		
	1807 50	1807 50 Processing fee under 37 CFR 1.17(q)	<b></b> i¹	
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806 180			
Code (\$) Code (\$)	8021 40	8021 40 Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess of 20	1809 770			
1201 86 2201 43 Independent claims in excess of 3		(37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))		
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770			
1205 18 2205 9 ** Reissue claims in excess of 20	1802 900			
and over original patent		of a design application		
SUBTOTAL (2) (\$) 0.00	Other fee (s			
**or number previously paid, if greater; For Reissues, see above	*Reduced by	by Basic Filing Fee Paid SUBTOTAL (3) (\$) 210.00		
SUBMITTED BY (Complete (if applicable))				
Name (Print/Type) Joseph E. Zahner	Registr	ration No. 48.224 Telephone 314-977-7731		

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Date